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## Film & Multimedia

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Discover Film & Multimedia! In Film & Animation 20, students explore cinematography and animation techniques through projects like Stop-Motion, 2D, and 3D animation. In Film & Animation 30, they refine these skills, creating complex films and animations, including using our cutting-edge motion capture suit. Opportunities include the WCHS film festival and submission to prestigious events like the Okotoks Film Festival. Perfect for aspiring filmmakers and animators eager to bring their creative visions to life! (5 credits)



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## Legal Studies

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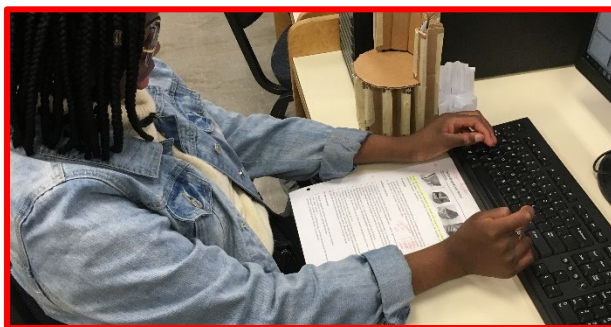
Discover Legal Studies! Legal Studies (Intermediate) presents students with practical and fascinating information about how Canada's legal system works and its impact on Canadians. Students will explore legal issues through debates, discussions, film and documentary studies, famous crimes case studies, role plays and scenario examinations. The course includes: History of Law, Constitutional and Rights Law, Criminal Law, Civil Law, Family Law, Employment Law, and Law and the Traveller. (5 credits)

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## IB Business Management SL

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Discover IB Business Management! This first course of the IB curriculum introduces students to key theories and tools used by business organisations for strategic decision-making, human resource planning, and finance. Students analyse, discuss and evaluate current local, national and international business stories and cases using course theory, tools and content. Students explore key themes underpinning the IB -creativity, change, ethics & sustainability. Ideal for students looking to study business at post-secondary after high school. (5 credits)



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## Photography

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Discover Photography! Photography Multilevel covers essential photography techniques, from camera settings and composition to lighting and post-processing / editing. Through hands-on practice and instructor guidance, you'll learn to capture landscapes, compelling portraits, and dynamic action shots using DSLR cameras. This course will empower you to take control of your photography and develop a unique visual style. Enroll today and start your journey toward creating stunning images with confidence! (5 Credits)

# Career & Technology Studies

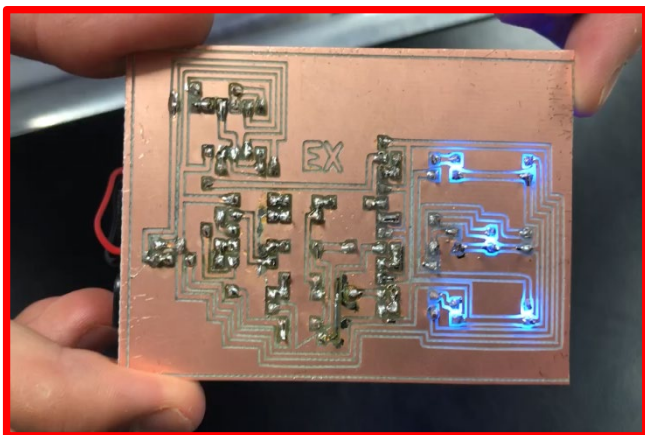
**Western Canada  
High School**



### *Course Offerings for Grade 10*

- Computer Science 10
- Design Engineering & Architecture 10
- Film & Multimedia 20
- IB Business Management SL 20
- Legal Studies 20
- Management & Marketing 20
- Personal Foods 10
- Photography Multilevel
- Robotics Engineering 10
- Off Campus Education\*
  - Work Experience
  - Exploratory Programs (Sem 2)
  - Dual Credit





## Design Engineering & Architecture

### Discover Engineering Design & Architecture!

This course is for students interested in residential architectural design as well as the fundamentals of drawing used by mechanical and product engineers, architects, urban planners and interior designers. Students explore various drawing techniques before using Inventor, and Revit. The final part of the course has students working through a hands-on 3D modelling project using the design process for problem-solving. This project is driven by student interest and choice. (5 credits)



## Personal Foods

Discover Foods! Students examine the role of food, looking beyond consumption to production, visual appreciation, nutrition, meal planning, economics & preparation. The courses includes Food Basics (prerequisite followed by modules such as: snacks & appetizers, contemporary baking, meal planning and nutrition basics. Students apply knowledge on food safety & sanitation in each lab to create beautiful & tasty dishes like pad Thai, meatballs, sushi, cupcakes & more. Modules/recipes subject to change. (5 credits)

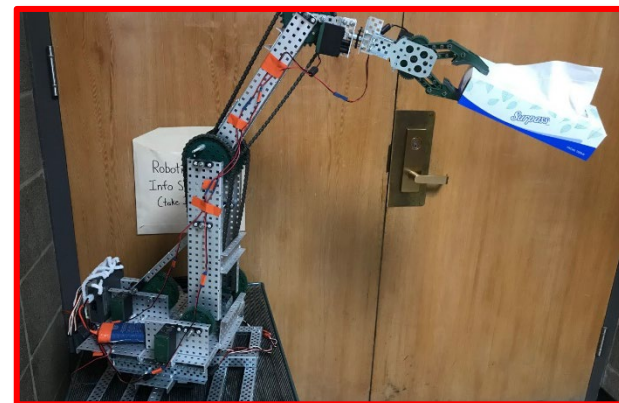


## Computer Science

Discover Computer Science! In Computer Science 10, you will develop skills in the C++ programming language. You will get the opportunity to learn about the problem solving process, algorithm development and gain a fundamental knowledge of computer science concepts. These concepts are foundational to the disciplines of Computer Science and Engineering and recommended for students interested in these career paths. Most Alberta universities accept Computer Science 30 as a science. This course is the entry point to this program (3 credits – paired with Robotics Engineering)

## Robotics Engineering

Discover Robotics Engineering! During this course students learn to identify various sensors and use them to build robots and electronic circuits. Students learn about electrical components, build a light-following robot, and are introduced to Lego Mindstorms and programming using RobotC. An extensive amount of practical work occurs during the nine week term. This course provides pre-requisites for further studies in Robotics Engineering Intermediate (3 credits – paired with Computer Science 110)



## Marketing & Management

Discover Marketing & Management! Students are introduced to the role of business and entrepreneurship in a free market economy and the various types of business organizations that exist in Canada today. Students then take a deeper look at the role of marketing and leadership and in business success. Students complete course by either planning a venture or building a marketing / re-branding plan for a business of their choice. This course also touches on the use of spreadsheets for calculating profit, financial reporting and exploring personal investing. (5 credits)